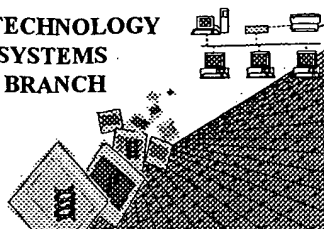


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/601,667A
Source: 1600 RUSA
Date Processed by STIC: 7/2/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202



PCT09

RAW SEQUENCE LISTING

DATE: 07/02/2002

PATENT APPLICATION: US/09/601,667A

TIME: 10:04:42

Input Set : A:\36636.seq.txt

Output Set: N:\CRF3\07022002\I601667A.raw

Does Not Comply
Corrected Diskette Needed

4 <110> APPLICANT: biosyn Arzneimittel GmbH
6 <120> TITLE OF INVENTION: Recombinant Mistletoe Lectins
8 <130> FILE REFERENCE: PCT 980
Ct> 10 <140> CURRENT APPLICATION NUMBER: US/09/601,667A
Ct> 11 <141> CURRENT FILING DATE: 2000-08-03
13 <150> PRIOR APPLICATION NUMBER: D 198 04 210.8
14 <151> PRIOR FILING DATE: 1998-02-03
16 <160> NUMBER OF SEQ ID NOS: 36

ERRORED SEQUENCES

2182 <210> SEQ ID NO: 36
2183 <211> LENGTH: 24
2184 <212> TYPE: DNA
2185 <213> ORGANISM: Artificial Sequence
W--> 2188 <220> FEATURE:
W--> 2188 <223> OTHER INFORMATION:
2188 <400> SEQUENCE: 36
2190 gtctatgtga tgatcttcga ctgt
E--> 2193 3-37

delete

*see p 2 for explanation
1 error*

24

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/601,667A

DATE: 07/02/2002
TIME: 10:04:43

Input Set : A:\36636.seq.txt
Output Set: N:\CRF3\07022002\I601667A.raw

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#: 4,5,6,7,8,9,10,11,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32
Seq#: 33,34,35,36

Explanation of errors

see p.3

VARIABLE LOCATION SUMMARY

DATE: 07/02/2002

PATENT APPLICATION: US/09/601,667A

TIME: 10:04:43

Input Set : A:\36636.seq.txt

Output Set: N:\CRF3\07022002\I601667A.raw

FYI

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:1; Xaa Pos. 15,63,66,75,107,113,117,134,141,145,152,177,180,185,191
Seq#:1; Xaa Pos. 219,224,225,232,236,287,290,325,364,426,435,439,442,443
Seq#:1; Xaa Pos. 464,480,481,483,484,493,500,501,502,503,504,533
Seq#:2; Xaa Pos. 15,63,66,75,107,113,117,134,141,145,152,177,180,185,191
Seq#:2; Xaa Pos. 219,224,225,232,236
Seq#:3; Xaa Pos. 18,21,56,95,157,166,170,173,174,195,211,212,214,215,224
Seq#:3; Xaa Pos. 231,232,233,234,235,264
Seq#:12; N Pos. 319,1322
Seq#:13; N Pos. 319
Seq#:14; N Pos. 517
Seq#:33; N Pos. 3,6
Seq#:34; N Pos. 9,15,18

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/601,667A

DATE: 07/02/2002

TIME: 10:04:43

Input Set : A:\36636.seq.txt

Output Set: N:\CRF3\07022002\I601667A.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:275 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:48
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:64
L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:96
L:296 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:112
L:299 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:128
L:302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:144
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:176
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:208
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:224
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:272
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:288
L:335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:320
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:352
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:416
L:356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:432
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:448
L:362 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:464
L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:480
L:368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:496
L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:528
L:508 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:48
~~L:520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:64~~
L:526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:96
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:112
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:128
L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:144
L:541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:176
L:547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:208
L:550 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:224
L:696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:16
L:702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:48
L:708 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:80
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:144
L:723 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:160
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:192
L:732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:208
L:735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:224
L:741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:256
L:751 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:751 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:862 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:862 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:920 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:920 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

VERIFICATION SUMMARY

DATE: 07/02/2002

PATENT APPLICATION: US/09/601,667A

TIME: 10:04:43

Input Set : A:\36636.seq.txt

Output Set: N:\CRF3\07022002\I601667A.raw

L:980 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:980 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1040 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1040 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1100 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1100 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1160 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1160 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1220 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1220 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:300
L:1340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:1320
L:1377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:300
L:1426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:480
L:1445 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1445 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1508 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1508 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1543 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1543 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1578 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1578 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1641 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1641 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1676 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1676 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1711 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1711 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1748 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1748 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1785 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1785 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1822 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1822 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1859 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1859 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1896 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1896 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1933 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1933 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:1970 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:1970 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:2007 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:2007 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:2044 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:2044 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:2081 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:2081 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:2157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/601,667A

DATE: 07/02/2002

TIME: 10:04:43

Input Set : A:\36636.seq.txt

Output Set: N:\CRF3\07022002\I601667A.raw

L:2168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:2193 M:254 E: No. of Bases conflict, this line has no nucleotides.